

5 **What is claimed is:**

1. An organic electronic device comprising at least two segments, each segment comprising an organic electronic light-emitting device defined by peripheral edges; wherein each segment comprises a first electrical contact disposed on a first peripheral
10 edge and a second electrical contact disposed on a different peripheral edge than the first electrical contact and the electrical contacts of the segments are joined in electrical communication with a conductive material.
2. The electronic device of claim 1 wherein the second electrical contact is disposed on a
15 peripheral edge substantially perpendicular to the first peripheral edge.
3. The electronic device of claim 1 wherein the second electrical contact is disposed on a peripheral edge substantially parallel to the first peripheral edge.
- 20 4. The device of claim 1 wherein each segment comprises a continuous substrate layer and the substrate layer is discontinuous between segments.
5. The device of claim 1 wherein each segment comprises a light-emitting layer disposed between two conductive layers wherein the conductive layers are electrically isolated.
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6. The device of claim 1 wherein the conductive material is flexible
7. The device of claim 6 wherein the conductive material is selected from a metal foil, a conductive adhesive, metallized polymeric film, and combinations thereof.
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8. The device of claim 7 wherein the metal foil comprises copper.
9. The device of claim 6 wherein the conductive material comprises a metal foil adhered to the segments by means of a conductive adhesive.
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5 10. The electronic device of claim 1 wherein the electrical contacts of the segments are joined in series.

11. The electronic device of claim 1 wherein the electrical contacts of the segments are joined in parallel.

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12. The device of claim 1 wherein the device comprises a plurality of segments.

13. The device of claim 12 wherein the plurality of segments are joined in a row.

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14. The device of claim 1 wherein each segment has a width up to about two inches.

15. The device of claim 14 wherein each segment has a width of at least about 1/8 inch.

16. The device of claim 1 wherein each segment has a length up to about 10 inches.

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17. The device of claim 16 wherein each segment has a length of at least about 1 inch.

18. The device of claim 13 wherein a plurality of rows are joined in columns.

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19. The device of claim 1 wherein each segment is encapsulated.

20. The device of claim 1 wherein the joined segments are encapsulated.

21. The device of claim 18 wherein the device is a pixilated display.

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22. The device of claim 1 wherein said device is a backlight for an article selected from a lamp, a display, a sign, a toy, and personal protection apparel.

23. The device of claim 1 wherein the sign or display includes a fixed or variable message.

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5 24. The device of claim 1 wherein the device emits a single color or multiple colors.

25. The device of claim 1 wherein segments emitting different color light are independently adjustable.

10 26. An organic electronic device comprising at least two segments, each segment comprising an organic electronic light-emitting device and electrical contacts; wherein each segment has a first dimension ranging from about 1/8 inch to about 2 inches, a second dimension ranging from about 1 inch to about 10 inches and the electrical contacts of the segments are joined in electrical communication with a conductive material.

15 27. The device of claim 26 wherein the conductive material is flexible.

28. A method of making an electronic device comprising:
providing a plurality of organic light-emitting device segments comprising electrical
20 contacts;
testing the segments to identify at least one segment non-emitting segment;
removing the non-emitting segment; and
joining the electrical contact of the light-emitting segments with a conductive material.

25 29. The method of claim 28 wherein the segments are provided on a continuous web having a web direction and cross-web direction.

30 30. The method of claim 28 wherein removing the non-emitting segment comprises cutting the web in a direction substantially non-parallel to the web direction.

31. The method of claim 28 wherein removing the non-emitting segment comprises cutting the web in a direction ranging from substantially perpendicular to the web direction to substantially diagonal to the web direction.

35 32. The method of claim 28 wherein a plurality of segments are tested concurrently.

5 33. The method of claim 28 wherein the segments are tested sequentially.

34. A method of repair of an organic light emitting device comprising
providing the device of claim 1;

identifying at least one non-emitting segment;

10 providing a light-emitting replacement segment having electrical contact wherein the
replacement segment has a size about the same as the non-emitting segment;

removing the non-emitting segment by disconnecting the conductive material of the non-
emitting segment near the electrical contacts; and

joining the electrical contacts of the replacement segment to the device.

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